Executive Proclamation

State of South Dakota
Office of the Governor

Whereas, The South Dakota School of Mines and Technology has established the Mines Medal as South Dakota's premier award to an engineer or scientist as a means of recognizing outstanding national and international achievement in science, engineering, or technological challenges that impact society; and,

Whereas, Dr. Lee Rybeck Lynd will be recognized for his work on the utilization of plant biomass for production of energy and his contributions that span the science, technology, and policy domains, including leading research on fundamental and biotechnological aspects of microbial cellulose utilization; and,

Whereas, Dr. Lynd's focus has been the one-step microbial conversion of cellulosic biomass without added enzymes in a process he proposed to call "consolidated bioprocessing," or "CBP," now the accepted term for this processing strategy; and,

Whereas, Dr. Lynd has been active in analyzing and envisioning the role of plant biomass in a sustainable world, with selected achievements including the first paper reporting growth of a recombinant yeast on cellulose, the first report of engineering a thermophilic bacterium to make ethanol at high yield, and two seminal papers on microbial cellulose utilization fundamentals supporting the feasibility of CBP; and,

Whereas, Dr. Lynd has authored more than 100 technical papers as well as widely cited reviews, book chapters, and numerous patents; and,

Whereas, It is fitting and proper that the Governor of the state of South Dakota recognize Dr. Lynd as the 2011 recipient of the prestigious Mines Medal to be presented September 29, 2011:

Now, Therefore, I, Dennis Daugaard, Governor of the state of South Dakota, do hereby proclaim September 29, 2011, as

DR. LEE RYBECK LYND DAY

in South Dakota.

In Witness Whereof, I have hereunto set my hand and caused to be affixed the Great Seal of the state of South Dakota, in Pierre, the Capital City, this Sixteenth Day of September in the Year of Our Lord, Two Thousand and Eleven.

Dennis Daugaard

Dennis Daugaard, Governor

Attest:

Jason Gant

Jason M. Gant, Secretary of State